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(54) ENERGY STORING ELEMENT AND ITS MANUFACTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an inexpensive capacitor-type energy storing element that is high in energy density as well as output density, and easy to manufacture.

SOLUTION: An element unit is composed by arranging an electrode activating material layer 12 formed of V₂O₅ and a protective layer 13 formed by impregnating an electrolyte into a non-woven fabric of an ethylene tetrafluoride resin on the surface of a core 11 formed of a titanium metal wire to form each wire-like electrode 1, by equally dividing the multiple bundled wire-like electrodes 1 respectively for a positive electrode and a negative electrode and by electrically connecting the cores 11 to a positive electrode current collecting plate 2 or a negative electrode current collecting plate 3 at their ends.

